

SZEKELY, Aron, dr.; VOLTAY, Bela, dr.

Bacteriological examination of mucus taken from different parts of the upper small intestine of atrophic infants.  
Gyermekgyogyaszat 7 no.4:116-119 Apr 56.

1. A Budapesti Orvostudomanyi Egyetem I. sz. Gyermekklin.  
(Igas. Gegeci-Kiss, al dr. egyetemi tanar, akad.)kozl.  
(INFANT NUTRITION DISORDERS, microbiol.  
of mucus from upper part of small intestine. (Hun))  
(INTESTINE, SMALL, microbiol.  
of mucus from upper part in marasmus. (Hun))

YOLTAY, Bela, dr., GECK, Peter, dr.; OSVATH, Pal, dr.; BACKHAUSZ, Richard,  
dr.; VIGH, Gyula, dr.; BOGNAR, Szilard, dr.

Immunofluorescence and passive hemagglutination studies in childhood  
enterocolitis. Orv. hetil. 104 no.21:975-978 21 My '63.

1. Fovarosi Tanacs, Laszlo Korhaz, Orszagos Kozegeszsegugyi Intezet  
es Human Oltoanyagtermelo es Kutato Intezet.  
(ENTEROCOLITIS, ACUTE) (HEMAGGLUTINATION INHIBITION TESTS)  
(FLUORESCENT DYES), (FECES) (IMMUNE SERUM) (SHIGELLA)  
(DYSENTERY)

HUNGARY

VOLTAY, Bela, Dr. VIGH, Gyula, Dr. RACZ, Pal, Dr; Capital City Laszlo Hospital (Fovarosi Laszlo Korhaz), Budapest.

"Liver Biopsy Tests in Cases of Hepatitis in Infants and Children."

Budapest, Orvosi Hetilap, Vol 104, No 34, 25 Aug 1963, pages 1607-1608.

Abstract: [Authors' Hungarian summary] The authors report 17 transabdominal liver biopsy tests performed on 10 infants and children who suffered from infectious hepatitis. The method, indications for it, and the conditions under which it can be performed, the procedure before, during and after the test, as well as the expected results and possible complications are discussed briefly. It is stated that liver biopsy is not a dangerous procedure for infants and children and can be performed at this age as well. The authors recommend its more frequent use in the future. 2 Hungarian, 6 Western references.

1/1

VOLTAY, Bela, dr.; BARTOK, Bela, dr.; OSVATH, Pal, dr.

Data on the modern treatment of exudative pleurisy.  
Gyermekgyogyaszat 14 no. 7:208-214 J1 '63.

(PLEURISY) (STAPHYLOCOCCAL INFECTIONS, RESPIRATORY)  
(PENICILLIN) (EMPYEMA)

OSVATH, Pal. dr; TOTH, Margit, dr.; VOLTAY, Bela, dr.; JUDAS, Pal. dr.  
GALAMBO, Marton, dr.

Exanthematos diseases caused by ECHO virus type 9. Orv. hetil.  
106 no.7-310-312 14 F ' 65

1. Budapest Fovarosi Tanacs, Laszlo Korhaz.

VOL'TER, A.O.

Mechanical characteristics of wood of the Korean pine from arid  
stands. Soob.DVFAK SSSR m.11:45-48 '59. (MIRA 13:11)

1. Dal'nevostochnyy politekhnicheskiy institut imeni V.V.  
Kuybysheva.  
(Pine)

VOL'TER, A.G.

Protecting wooden automobile bridges from rotting in order  
to lengthen their life. Sbor. nauch. rab. DVNIIS no.1:31-35  
'61. (MIRA 16:11)

VOL'TER, A.G.

Physical and mechanical properties of the Daurian larch. Trudy  
Dal'nevost.azy AM SSSR. Ser. bot. no.1:83-104 '47. (MLRA 9:8)  
(Amur Valley--Larch) (Wood)

SOV/119-59-2-3/17

Automatization of the Process of Synthesis of Ammonia

leave the column after having passed through the heat exchanger and are cooled down to 30-40°C in the water condenser. After this, the gas gets into a primary separator where the condensate is separated. The gas is led into the column, once more, through a series of filters. In the ammonia condenser, an additional cooling down of the gas by liquid ammonia takes place. In the secondary separator, ammonia is separated additionally. The technologically most important characteristics of this process are exact keeping of temperature and pressure in the reaction zone. The temperature of the gas after passing through the ammonia condenser determines the condensation degree of the mixture. The temperature conditions are practically investigated. On the base of these investigations, two speed regulators that are connected with the circulating pumps and two temperature regulators were inserted into the synthesis circle. One of the temperature regulators works on a valve of the type PMK-320-20 and is built in into the "cold" shunt. The second regulator works on the metering element of one of the speed regulators. For this purpose, an additional diaphragm was built into this one. The speed regulators fulfill

Card 2/3

SOV/119-59-2-3/17

Automatization of the Process of Synthesis of Ammonia

a static task, the temperature regulators, however, an iso-static one. The investigation results of the single effects on the process of the synthesis are shown. By changing over to regulating the temperature automatically the temperature can be kept constantly on 4-5°C, whereas at manual regulation the temperature varied for 20-30°C.

There are 8 figures and 3 Soviet references.

ASSOCIATION: Laboratoriya avtomatizatsii khimicheskoy promyshlennosti TsNIKA  
(Laboratory for the Automation of the Chemical Industry of the TsNIKA)

Card 3/3

VOL'TER, B.V.; MARKOVA, Ye.V.

Study of ethylene polymerization by the multiple correlation method.  
Khim.prom. no.4:262-264 Ap '61. (MIRA 14:4)

(Ethylene)

(Polymerization)

"APPROVED FOR RELEASE: 08/09/2001

CIA-RDP86-00513R001860720020-5

VOL'TER, B.V.

Dynamic control of liquid level. Priborostroenie no.7:15-16  
J1 '61. (MIRA 14:6)  
(Liquid level indicators)

APPROVED FOR RELEASE: 08/09/2001

CIA-RDP86-00513R001860720020-5"

S/194/62/000/007/061/160  
D295/D308

AUTHORS: Vol'ter, B.V., and Kuvshinova, A.I.

TITLE: Automation of the polymerization of ethylene at the  
Okhtinskiy Chemical Combine

PERIODICAL: Referativnyy zhurnal. Avtomatika i radioelektronika,  
no. 7, 1962, abstract 7-2-192 a (Vestn. tekhn. i ekon.  
inform., N.-i. in-t tekhn.-ekon. issled. Gos. kom-ta  
Sov. Min. SSSR po khimii, no. 8, 1961, 29-32)

TEXT: The article describes an automatic system for controlling  
the polymerization process of ethylene at high pressures (1500 atm)  
developed in collaboration with the TsNIIKA and employed at the  
plant. The system makes exclusive use of pneumatic devices. In addi-  
tion to standard automatic-control devices, pneumatic logic ele-  
ments are used. The system accomplishes the following functions:  
stabilization of the main parameters of the process, logic control  
of the operation of the polymerization sleeve-reactor and separator  
and failure-protection interlocking. A special pneumatic generator  
maintains periodic oscillations of pressure in the reactor, which  
Card 1/2

S/194/62/000/007/061/160  
D295/D308

Automation of the polymerization ...

favors a normal course of the reaction. 4 figures. [Abstracter's note: Complete translation.]

Card 2/2

VOL'TER, B. V.

Can Tec Sci, Diss -- "Certain problems on automatic control of the process of polymerization of ethylene at high pressure". Moscow, 1961. 13 pp, 20 cm (Min of Higher and Inter Spec Educ RSFSR. Moscow Inst of Chem Machine Building), 200 copies, No charge (KL, No 9, 1961, p 181, No 24329). 61-548817

VOLTER, B. V.

" Automation of Polyethelene Production Under High Pressure."

Paper to be presented at the IFAC Congress to be  
held in Basel, Switzerland, 27 Aug to 4 Sep 63

SAL'NIKOV, I.Ye.; VOL'TER, B.V.

Operating conditions in a chemical flow reactor when an exothermal monomolecular reaction is taking place. Dokl. AN SSSR 152 no.1:  
171-174 S '63. (MIRA 16:9)

1. Gor'kovskiy institut inzhenerov vodnogo transporta i TSentral'nyy nauchno-issledovatel'skiy institut kompleksnoy avtomatizatsii.  
Predstavлено академиком V.N.Kondrat'yevym.  
(Chemical reactors)

VOL'TER, B.V.

Natural vibration processes in the polymerization of ethylene  
in a high-pressure reactor. Trudy MIKHM 25:48-51 '63.  
(MIRA 17:6)

"APPROVED FOR RELEASE: 08/09/2001

CIA-RDP86-00513R001860720020-5

VOL'TER, F.I.; TYABIL, L.S. (Kazan')

~~Hemangioma of the spine.~~ Kas.med.zhar. 40 no.1:84-85 Ja-F  
'59. (MIRA 12:10)

(SPINE--TUMORS)

APPROVED FOR RELEASE: 08/09/2001

CIA-RDP86-00513R001860720020-5"

VOL'TER, F.I.

"Comatose states" by L.A.Lushnikova. Reviewed by F.I.Vol'ter.  
Kaz.-med.shur. 40 no.2:110-111 Mr-Apr '59. (MIRA 12:11)  
(COMA) (LUSHNIKOVA, L.A.)

VOL'TER, F.I. (Kazan')

Penicillin for treating infectious chorea. Klin.med. 34 no.4:91  
(MLRA 10:1)  
Ap '56.

l. Iz kliniki nervnykh bolezney (zav. - zasluzhennyy deyatel' nauki professor L.I.Omerkov) Kazanskogo meditsinskogo instituta.  
(PENICILLIN) (CHOREA)

L 5301-56 EWT(m)/EWP(j) RM  
ACC NR: AP5025018

SOURCE CODE: UR/0286/65/000/016/0080/0080

AUTHORS: Vaag, Teodor; Vol'ter, Gerkhard

ORG: none

TITLE: A method for obtaining synthetic materials. Class 39, No. 173927

SOURCE: Byulleten' izobreteniy i tovarnykh znakov, no. 16, 1965, 80

TOPIC TAGS: plastic, polymer, monomer, acetone, formaldehyde, catalyst, sodium hydroxide, potassium hydroxide

ABSTRACT: This Author Certificate presents a method for obtaining synthetic materials by hardening with a basic catalyst the monomer condensation products of acetone with formaldehyde (such as mono-, di-, and trimethylolacetones or their mixtures). To produce elastic and hard plastics, NaOH or KOH are used as the basic catalysts. These bases are in the form of 40-60% (mainly 50%) solutions and are supplied in the amount of 0.5-5% by volume.

SUB CODE: MT, OC, GC / SUBM DATE: 27Dec62 / ORIG REF: 000 / OTH REF: 000

OC  
Card 1/1

UDC: 678.683.2:678.028.293

Ora 10.547

BELYANSKI, A. [Bielanski, A.]; DEREN', G. [Deren, J.]; VOL'TER, M.

Properties of pure and of lithium and iron alloyed nickel oxide obtained by the decomposition of nitrates. Kin. i kat. 5 no.5:  
(MIRA 17:12)  
849-360 S-0 '64.

I. Institut fizicheskoy khimii Pol'skoy Akademii nauk, laboratoriya poverkhnostnykh yavleniy, Krakov, Pol'sha.

L 16915-65 EWG(j)/EWT(n)/EPF(c)/EPF(n)-2/EPR/EWP(j)/EWP(t)/EWP(b) Po-4/Pr-4/  
Pad/Ps-4/Pu-4 IJP(c) JD/RM/JG/RM  
ACCESSION NR: AP4047837

S/0195/64/005/005/0849/0860

(P)

B

AUTHOR: Belyanski, A.; Deren', G.; Vol'ter, M.

TITLE: Investigation into the properties of pure and lithium- or iron-alloyed nickel oxide, obtained by the decomposition of nitrates

SOURCE: Kinetika i kataliz, v. 5, no. 5, 1964, 849-860

TOPIC TAGS: catalyst property, surface phenomenon, nickel oxide lattice, lithium diffusion, iron diffusion, nickel oxide conductivity

ABSTRACT: A brief review is given of a fairly large number of papers, mostly published in recent years, dealing with the study of the effect which the alloying of nickel oxide has on its adsorption and catalytic properties. Included in this review are also former studies by the present authors which provide a more complete description of methodology than the rather brief statement in the article under consideration. The authors do state, however, that the technique used makes it possible to follow the penetration of lithium oxide into the lattice of the product of the decomposition of the basic nickel carbonate, depending on such factors as the duration and temperature of calcination of the sample, as well as the quantity of lithium oxide employed. The purpose of the present article was to expand pre-  
Card 1/2

L 16915-65

ACCESSION NR: AP4047837

viously initiated investigations into the physicochemical properties of pure and alloyed nickel oxide, and also to generalize certain formerly advanced conclusions. By calcining nickel nitrate at temperatures of 500 - 1100°C, nickel oxide samples were prepared: both pure and alloyed with lithium (0.17 - 5.5 at.%) and iron (0.1 - 3.0 at.%). The content of excess oxygen in these samples was determined both immediately after air calcination and after vacuum desorption of the oxygen at 400°C. The authors thus established the quantity of desorbed oxygen present on the surface or in the near-surface layer, and the quantity of intracrystalline excess oxygen. On the basis of the results obtained it was possible to form an effective idea of the lithium diffusion into the nickel oxide lattice. The article also presents the results of investigations into the electrical conductivity of the samples, both in air and in a vacuum. Orig. art. has: 3 tables, 8 figures and 3 equations.

ASSOCIATION: Laboratoriya poverkhnostnykh yavlenii, Institut fizicheskoy khimii Pol'skoy Akademii Nauk, Cracow, Poland (Surface Phenomena Laboratory, Institute of Physical Chemistry of the Polish Academy of Sciences)

SUBMITTED: 06May63

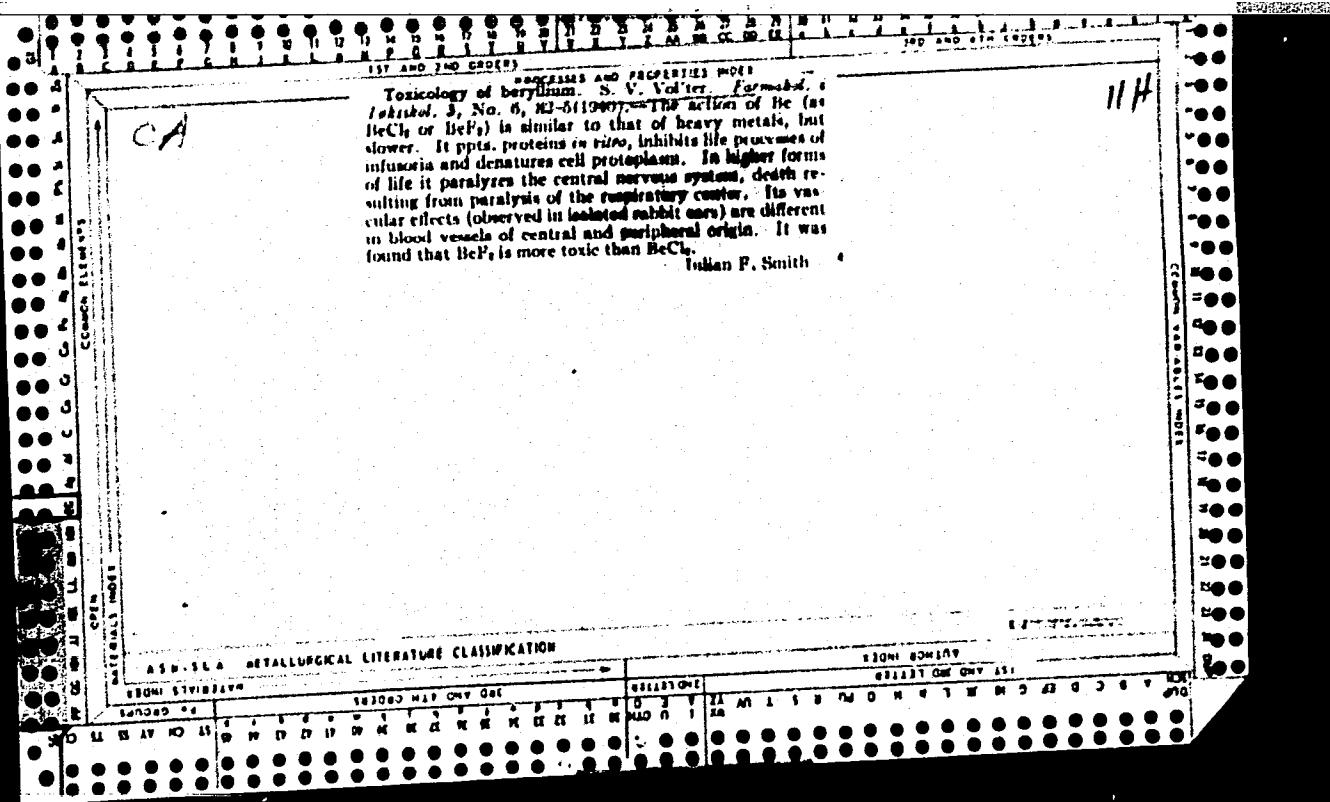
ENCL: 00

SUB CODE: MM, IC

NO REF Sov: 002

OTHER: 012

Card 2/2



VOL'TER, V., inzh.

Machinery for livestock farms. Tekh. v sel'khoz 20 no.7:35  
(MIRA 13:9)  
Jl '60.

1. Pribaltiyskaya meshinoispytatel'naya stantsiya.  
(Farm mechanization) (Stock and stockbreeding)

VOL'TER, V.G., inzh.

Setting of cows in milking parlors. Zhivotnovodstvo 23 no.2:  
85-86 F '61. (MIRA 15:11)

1. Pribaltiyskaya mashinoispytatel'naya stantsiya.  
(Dairy barns)

VOL'TER, V.G., inzh.

The PShD-500 attachment for mechanized drying of hay on racks.  
Zhivotnovodstvo 23 no.6:77-78 Je '61. (MIRA 16:2)

1. Pribaltiyskaya mashinoispytatel'naya stantsiya.  
(Baltic region—Hay—Drying)

L 13051-66 ENT(m)/EWA(d)/EWP(t)/EWP(z)/EWP(b)  
ACC NR. AP5027912

IJP(c) JD  
SOURCE CODE: UR/0133/65/000/011/1036/1039

AUTHOR: Kazarnovskiy, D. S. (Doctor of technical sciences); Dryapik, Ye. P. (Engineer); Legeyda, N. F. (Engineer); Zakharov, A. Ye. (Engineer); Balon, V. I. (Engineer); Vol'ter, Ye. V. (Engineer); Nosov, V. S. (Engineer); Konstantinova, T. A. (Engineer); Sukhomilina, A. P. (Engineer)

ORG: Ukrainskiy n.-i. Institute of Metals (Ukrainskiy n.-i. institut metallov); Kommunarskiy Metallurgical Plant (Kommunarskiy metallurgicheskiy zavod)

TITLE: Strengthening of low carbon semikilled St. 3ps steel by heat treatment

SOURCE: Stal', no. 11, 1965, 1036-1039

TOPIC TAGS: carbon steel, low carbon steel, heat treating furnace

ABSTRACT: A heat treatment was developed for St. 3ps steel plates of 12 and 25 mm thickness by heating in a furnace to the temperature range 890-920°C and water cooling on a quench press. This treatment resulted in an average strengthening of 20% and a satisfactory plasticity level. Three separate heats of steel were heat treated. The compositions ranged as follows: C--0.16-0.19%; Mn--0.46-0.52%; Si--0.08-0.12%; S--0.036-0.042%; P--0.012-0.034% and Cu--0.050-0.058%. The details of the process were described. The steel plates were heated in a roller type furnace to temperature for a holding time of 1.5 min/mm. Cooling was done in a quench press with a water flow

UDC: 621.78

Cord 1/2

L 13051-66

ACC NR: AP5027912

rate of 1700 m<sup>3</sup>/hr. After quenching, some warpage could be noted, particularly in thicknesses up to 20 mm. Mechanical properties of the heat treated plate in flat and round specimens were determined. Yield strength, ultimate strength, % elongation, % reduction in area and impact resistance were tabulated for heat I (12 mm thick), heat II (12 and 25 mm thick) and heat III (25 mm thick). Frequency curves were plotted for the mechanical properties of the heat treated plate (frequency of occurrence as a function of strength, ductility and impact resistance) and average values were given for these properties. The effect of tempering after quenching was also noted. In general, the strength decreased slightly and the ductility increased. Tempering had little effect on impact resistance. Microstructures showed that the structures after quenching were predominantly pearlitic-ferritic, with needle-like ferrite distributed along grain boundaries for the 12 mm thick plates while in the 25 mm thick plates there was smaller grained, needle-like ferrite. The highest strengths and lowest ductility were obtained in the 12 mm plate. However, the mechanical properties obtained never fell below the following levels for the heat treated condition: yield stress--30 kg/mm<sup>2</sup>, ultimate strength--44 kg/mm<sup>2</sup>, % elongation--16, and impact strength (at -40°C)--3 kgm/cm<sup>2</sup>. It was recommended that low carbon steel plate, strengthened by the above treatment, be used in place of low alloyed steel. To be effective the optimum carbon content for heat treatment should be 0.12-0.18%. Orig. art. has: 3 figures 2 tables.

SUB CODE: 11/ SUBM DATE: 00/ . ORIG REF: 004/ OTH REF: 000

Card 2/2

L 9643-66 EWT(m)/EWP(w)/EWA(d)/T/EWP(t)/EWP(z)/EWP(b) MJW/JD

ACC NR: AP5027704

SOURCE CODE: UR/0129/65/000/011/0020/0021

AUTHOR: Zakharov, A. Ye.; Legeyda, M. F.; Nosov, V. S.; Vol'ter, Ye. V.

ORG: none

TITLE: Heat treatment of low-carbon and low-alloy steel plate

SOURCE: Metallovedeniye i termicheskaya obrabotka metallov, no. 11, 1965, 20-21

TOPIC TAGS: metal heat treatment, tempering, cooling, ferritic steel, pearlite steel

ABSTRACT: The Ukrainian Scientific Research Institute of Metals in collaboration with the TsNIICHERMET and the Kommunar Metallurgical Plant developed a new industrial process of the heat treatment (quenching and tempering) of St. 3<sup>ps</sup> steel plate: quenching from 890-910°C and water cooling in the press, followed by tempering at 500°C. At the Kommunar Plant the thermal hardening is carried out in continuous roller hearth furnaces. Plate 4-50 mm thick and up to 12 m long can be cooled in the press. The squeeze exerted by the press is 130 tons; the water-spray pressure is 2-3 atm. The microstructure of the plate is initially (after rolling) ferritic with a small amount of pearlite; following thermal hardening this microstructure is pearlitic-ferritic (the amount of pearlite increases). Studies of the mechanical properties of St. 3<sup>ps</sup> steel before and after this heat treatment revealed a marked increase in the impact strength of thermally hardened steel ( $3.9\text{-}7.4 \text{ kg-m/cm}^2$ ) compared with the im-

Card 1/2

UDC: 669.15-194:621.785.74

L 9643-66

ACC NR: AP5027704

pact strength of the nonhardened steel ( $1-1.7 \text{ kg-m/cm}^2$ ) at temperatures as low as  $-40^\circ\text{C}$ . In both cases the threshold of cold brittleness is the same,  $-25$  to  $-30^\circ\text{C}$ . Thermal hardening enhances the fatigue limit from 6 to 32% and reduces susceptibility to stress concentration. This technique of heat treatment was experimentally tested not only in furnaces but also in rolling mills on employing a special installation for utilizing the heat of rolling in order to increase the mechanical properties of the plate. In addition, the effect of accelerated water cooling was also investigated, for the steels 14KhGS, SKH-4, 09G2, 4S, SK, M16S, 3M, 20K (plate thickness 10-24 mm). Findings: thermal hardening during rolling increases tensile and yield strength by an average of 2-4 kg per  $\text{mm}^2$  and impact strength, by  $0.5-1.5 \text{ kg-m/cm}^2$ , while at the same time reducing relative elongation by ~2%, i. e. the increase in mechanical properties is considerable. As the thickness of the steel plate increases, the effect produced by water cooling decreases, and in the presence of 20-mm thickness this effect no longer is active. Orig. art. has: 1 figure.

SUB CODE: 11, 13 / SUBM DATE: none / ORIG REF: 000 / OTH REF: 000

BC  
Card 2/2

"APPROVED FOR RELEASE: 08/09/2001

CIA-RDP86-00513R001860720020-5

LEGEYDA, N.F.; YUNASH, V.I.; VOL'TER, Ye.V.

Effect of the temperature of hardening on the properties  
of St. 3kp brand steel. Met. i gornorud. prom. no. 1:43-44  
(MIRA 17:10)  
Ja-F '64.

APPROVED FOR RELEASE: 08/09/2001

CIA-RDP86-00513R001860720020-5"

"APPROVED FOR RELEASE: 08/09/2001

CIA-RDP86-00513R001860720020-5

APPROVED FOR RELEASE: 08/09/2001

CIA-RDP86-00513R001860720020-5"

VOLUYSKAYA, Ye.N.

Chemical Abst.  
Vol. 48 No. 9  
May 10, 1954  
Biological Chemistry

(2)  
Spectrophotometry of biuret complexes as a method of  
study of proteins and peptides. XV. Application of the  
biuret reaction with nickel in the study of hydrolysis of gel-  
atin. M. I. Plekhan and E. N. Voluyskaya. *J. Gen. Chem.*  
U.S.S.R. 22, 2225-35(1952)(Engl. translation).—See C.A.,  
47, 4929.

VOLUYSKAYA, Ye. N.

"Carbohydrate Metabolism During Experimental Influenza Infection."  
Cand Biol Sci, Acad Med Sci USSR, Moscow, 1953. (RZhBiol, No 6, Nov 54)

Survey of Scientific and Technical Dissertations Defended at USSR Higher  
Educational Institutions (11)

SO: Sum. No. 521, 2 Jun 55

PLEKHAN, M. I.; VOLUYSKAYA, Ye. N.

Biuret Reaction

Spectrophotometry of biuret complexes as a method for investigation of proteins and peptides. Part 12. Comparative activity of copper, nickel, and cobalt during the formation of the biuret complex of tripeptide (glycyl). Zhur. ob. khim. 23, No. 2, 1953.

9. Monthly List of Russian Accessions, Library of Congress, June 1953, Unclassified

PLEKHAN, M.I.; VOLUYSKAYA, E.N.

Spectrophotometry of biuret complexes as a method of study of proteins and peptides. XVI. Comparative activity of copper, nickel, and cobalt in formation of the tripeptide biuret complex (glycyl). Zhur.Obshchey Khim. 23, 343-6 '53. (MLRA 6:3)  
(CA 47 no.15:7573 '53)

VOLUYSKAYA, Ye. N.

U S S R .

a ✓ Spectrophotometry of bluet complexes as a method of  
study of proteins and peptides. XVI. Comparative ac-  
tivity of copper, nickel, and cobalt in formation of the tri-  
peptide bluet complex (glycyl). M. I. Plekhan and E. N.  
Voluyskaya. *J. Gen. Chem. U.S.S.R.* 23, 357-64 (1953)  
(Engl. translation).—See C.A. 47, 7673n. H. L. II

TOVARNITSKII, V.I.; VOLUYSKAIA Ye.N.

Early biochemical diagnosis of Botkin's disease (epidemic hepatitis). Lab.delo no.6:7-9 N-D '55. (MIRA 12:6)

1. Iz laboratorii biokhimii (zav. - prof.V.I.Tovarnitskiy)  
Instituta virusologii ANN SSSR.  
(HEPATITIS, INFECTIOUS, diagnosis,  
biochem. method)

USSR/Medicine - Infectious Hepatitis

Card 1/1

Pub. 148-16/24

Author

: Tovarnitskiy, V. I. and Voluyskaya, Ye. N.

Title

: A biochemical method for the early diagnosis of Botkin's Disease  
[Infectious Hepatitis]

Periodical

: Zhur. mikro. epid. i immun. 10, 67-72, Oct 1955

Abstract

: It was observed that the activity of blood serum aldolase was four to eight times greater in persons suffering from infectious hepatitis than in healthy persons, and that this activity was greatest during the first few days of the disease. In other diseases of the liver and in influenza, bronchitis, angina, rheumocarditis, typhoid fever, etc. the activity of blood serum aldolase remains within normal limits. The procedures used are described. The results of the experimental investigations are presented on nine graphs and a chart. Fifteen foreign references are cited.

Institution : Institute of Virology imeni D. I. Ivanovskiy, Academy of Medical Sciences USSR (Director - P. N. Kosyakov)

Submitted : April 7, 1955

VOLUYSKAYA, E.N.; TOVARNITSKY, V.I.; BYSLIKOVA, A.M.

The effect of the properdin system on the influenza virus. J. Hyg.  
Epidem., Praha 2 no. 4:404-407 1958.

1. Ivanovsky Institut of Virology, Biochemistry Department, Moscow  
D-57, Baltiyskyi pos. 13, U.S.S.R. (for Voluyskaya).  
(INFLUENZA VIRUSES, eff. of drugs on,  
properdin)  
(PROPERDIN, eff.  
on influenza viruses)

VOLUYSKAYA, Ye.N.; CHERBURKINA, N.V.; TOVARNITSKIY, V.I.; NIKOL'SKAYA, I.N.

Isolation and chemical composition of zymosan. Vop.med.khim.  
5 no.2:143-148 Mr-Ap '59. (MIRA 12:5)

1. Biochemical Laboratory, "D.I.Ivanovskiy" Institute of  
Virology, Academy of Medical Sciences of the U.S.S.R.,  
Moscow.

(YEASTS,

zymosan, isolation & chem. (Rus))

(POLYSACCHARIDES,  
same)

VOLUYSKAYA, Ye.N., kand. biolog.nauk

Quantitative method of determining the purity and activity  
of insulin by paper electrophoresis. Probl.endok. i gorm.  
No.2:51-55'63. (MIRA 16:7)

1. Iz laboratori organicheskoy khimii (zav. - kandidat khimicheskikh nauk M.I.Plekhan) Vsesoyuznogo instituta eksperimental'noy endokrinologii (direktor - prof. Ye.A.Vasyukova)  
(INSULIN) (PAPER ELECTROPHORESIS)

AGANBEGYAN, Abel Gezevich; VOLIYSKIY, Nikolay Mikhaylovich; ZALKIND,  
A.I., red.; STREL'NIKOVA, M.A., red.; GERASIMOVA, Ye.S.,  
tekhn.red.

[For the welfare of the Soviet man, builder of communism] Dlia  
blaga sovetskogo cheloveka - stroitelia kommunizma. Moskva, Gos-  
planizdat, 1960. 64 p. (MIRA 13:11)  
(Labor and laboring classes) (Cost and standard of living)

VOLUYSKII, V.M., inzh., red.; BUKHARIN, Ye.M., inzh., red.;  
KLIMOVA, G.D., red.izd-va; KOMAROVSKAYA, L.A., tekhn. red.

[Construction specifications and regulations] Stroitel'nye  
normy i pravila. Moskva, Gosstroizdat. Pt.2. Sec.L.  
ch.9. [Specifications for the design of electric lines with  
a voltage of over 1 kv.] Linii elektroperedachi napriazhe-  
niem vyshe 1 kv; normy proektirovaniia (SNiP II-I. 9-62)  
1963. 30 p. (MIRA 16:12)

1. Russia (1923- U.S.S.R.) Gosudarstvennyy komitet po delam  
stroitel'stva. 2. Gosudarstvennyy komitet po delam stroitel'-  
stva SSSR (for Voluyskiy). 3. Energosei'projekt Gosudarstven-  
nogo proizvodstvennogo komiteta po energetike i elektrifika-  
tsii SSSR (for Bukharin).

(Electric lines)

VOLUZNEV, A. G., CAND BIO SCI, "BIOLOGICAL <sup>secret-</sup>  
~~activities~~ CHARAO--  
TESTING AND DEVELOPMENT OF NEW VARIETIES OF BLACK  
CURRENTS UNDER THE CONDITIONS OF BELORUSSIA." MINSK,  
1961. (ACAD SCI BSSR, INST OF BIO). (KL, 3-61, 210).

131

BRODSKIY, Vladimir Vital'yevich; VOLUZNEV, Anatoliy Grigor'yevich;  
DUSHCHINSKAYA, Aleksandra Georgiyevna; SYUDAROVA, Emma Petrovna;  
KAZACHENOK, V., red.; KALECHITS, G., tekhn. red.

[Concise handbook for the fruit grower] Kratkii spravochnik sada-voda. Izd.2. Minsk, Gos.izd-vo BSSR. Red. sel'khoz. lit-ry, 1961. 343 p. (MIRA 15:1)  
(Fruit culture--Handbooks, manuals, etc.)

VOLUZNEV, A.G.

BRODSKIY, V.V.; VOLUZNEV, A.G.; DUSHCHINSKAYA, A.G.; SYUBAROVA, E.P.  
KAZACHENOK, V., redaktor; KALECHITS, G., tekhnicheskiy redaktor

[Concise manual for fruit growers] Kratkiy spravochnik sadovoda.  
Minsk, Gos.izd-vo BSSR, 1957. 329 p. (MIRA 10:8)  
(Fruit culture)

MALININ, S.N.; LUPINOVICH, I.S.; MOLOCHKO, I.S.; ABRAMCHUK, A.P.; ALEKSEYEV,  
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AFOMIN, M.I.; BABOSOV, M.M.; BALOBIN, V.U.; BARANOVSKIY, A.K.; BEZ-  
DENKO, T.T.; BEL'SKIY, B.B.; BOBKOV, A.F.; BOL'SHAKOVA, V.P.; BUL-  
GAKOV, N.P.; VAGIN, A.T.; BIL'DALUSH, R.T.; VIL'CHINSKIY, A.D.;  
VLASOVA, K.S.; VOYTKO, D.I.; VOLUZHEV, A.G.; GABYSHEV, M.F. [deceased];  
GATKO, A.A.; GALASHEV, M.A.; GORECHYAD, KH.S.; GARKUSHA, I.F.; GOSTI-  
LOVSKAYA, M.N.; GORBUNOVA, N.N.; GORSKIY, N.A.; GORFINKEL', Z.Sa.;  
GRUBILKO, N.P.; GUSAKOV, V.A.; GUDAYKIN, A.I.; DANILOVICH, A.F.;  
DEMENT'YEV, V.A.; DENISOV, Z.N.; DOROZHIN, N.A.; DUBOV, A.B.; DUBOV-  
SKIY, Ya.K.; YEVTIKRIYEV, B.Ye.; ZHARIKOV, I.S.; ZHILIN, A.P.; ZHOLNE-  
ROVICH, A.M.; ZHURAVEL', B.N.; ZABELLO, D.A.; ZAKHARENKO, G.D.; ZU-  
BETS, V.M.; IVITSKIY, A.I.; KACHURO, I.M.; KEDROV-ZIKHMAN, O.K.; KIDA-  
LINSKIY, V.A.; KIPENVARLITS, A.F.; KOVALEVSKIY, G.T.; KOVAL'CHUK, P.P.;  
KOZHANOV, K.Ya.; KOZLOVSKIY, I.Ye.; KOCHETOVA, Z.N.; KRIVODUBSKIY,  
I.P.; KUDRYAVTSEV, S.F.; KUSTOVA, A.I.; LAPPO, A.I.; LARIONENKO, V.B.;  
LASHKEVICH, G.I.; MAL'CHEVSKIY, V.I.; MAN'KO, N.F.; MARKOVETS, A.F.;  
MATSEPURA, M.Ye.; MEDVEDEV, A.G.; MEL'TSER, Ya.D.; MOISEYEV, I.G.;  
MUSORIN, V.V.; MUKHIN, N.D.; NAGORSKAYA, Ye.D.; NALIBOTSKIY, S.B.;  
NIKOLAYEVA, Yu.U.; NEDOLUGOV, I.T.; ORLOVSKIY, I.A.; ORLOVSKIY, K.P.;  
PANKEVICH, A.A.; PESKIN, A.L.; PROKOPOV, P.Ye.; PUSHKAREV, I.I.;  
RAZMYSLOVICH, I.R.; RAZUMENKO, A.V.; REMNEVA, Z.I.; RINKIS, V.A.;  
ROGOVDO, A.I.; ROGOVOY, P.P.; ROZENBLYUM, B.M.; RYZHMANOV, A.G.; RUSI-  
NOV, A.A.; SAVCHENKO, A.I.; SAPUNOV, V.A.; SAFRONOV, I.P.; SVIRSKIY,  
Ya.N.; SEVERINOV, V.P.; SERGEYEV, I.V.; SEMENOV, A.L.; SIDORENKO, G.M.;

(Continued on next card)

MALININ, S.N.---(continued) Card 2.

SKOROPANOV, S.G.; SKRIPNIICHENKO, L.A.; SMIRNOV, T.Ye.; STAROVOYTOV,  
K.T. [deceased]; STRELKOV, I.G.; SUSLOV, V.P.; SUKHORUKOV, G.Ye.;  
SYUBAROV, A.Ye.; TIMOSHININ, V.D.; TISHKEVICH, I.I.; TROPASHKO,  
I.N.; TRIZNO, S.I.; TRIMA, N.K.; TUZOVA, R.V.; TURETSKIY, R.L.;  
UMANSKIY, M.M.; UR'YEV, I.M.; KHOT'KO, A.I.; KHRORBOSTOV, S.N.; TSE-  
KHANOVICH, P.V.; CHERNYAVSKIY, I.G.; CHULKOVA, Ye.I.; CHUNOSOV, M.N.;  
SHEMPEL', V.I.; SHIKHALEYEV, N.F.; SHKLYAR, A.Ye.; SHCHERBOV, N.A.;  
YUROENS, B.A.; YUSKOVETS, M.K.; YAKOVLEV, B.I.; YAKERSON, S.A.; YARO-  
SHEVICH, A.A.; LUTSENKO, M.N., red.; LARIN, V., red.; KALECHITS, G.,  
tekhn.red.

[Measures for increasing agricultural production per 100 hectares of  
land on collective and state farms of White Russia] Meropriiatija po  
uvelenicheniiu proizvodstva sel'skokhozisistvennoi produktaii na 100  
hektarov zemel'nykh ugodii v kolkhozakh i sovkhozakh BSSR. Red.kolle-  
giia; I.S.Lupinovich i dr. Minsk, Gos.izd-vo BSSR. Red.sel'khoz.  
lit-ry, 1959. 601 p. (MIRA 13:4)

1. White Russia. Ministerstvo sel'skogo khozyaystva.  
(White Russia--Agriculture)

BRODSKIY, Vitaliy Vladimirovich; VOLUZNEV, Anatoliy Grigor'yevich;  
DUSHCHINSKAYA, Aleksandra Georgiyevna; SYUBAROVA, Emma  
Petrovna; LAZARCHIK, K., red.; ZEN'KO, M., tekhn. red.

[Concise manual for the fruit grower] Kratkii spravochnik sa-  
dovoda. [By] V. V. Brodskii i dr. 3., ispr. i dop. izd. Minsk,  
Gos.izd-vo sel'khoz.lit-ry BSSR, 1962. 353 p. (MIRA 16:3)  
(Fruit culture)

SYUBAROV, Aleksey Yefimovich; SYUBAROVA, Emma Petrovna; KHABENKO, Kirill  
Kalinkovich; VOLZHEV, Anatoliy Grigor'yavich. Prinimal uchastiye  
MIKHNEVICH, N.I., mladshiy sotr.; KAZACHENOK, V., red.; KALECHITS, G.,  
tekhn. red.

[Promising fruit and berry varieties of the White Russian S.S.R. and  
their regional adaptation] Raionirovannye i perspektivnye sorta plo-  
dovykh i iagodnykh kul'tur Belorusskoi SSR. By A.E.Siubarov i dr.  
Minsk, Gos. izd-vo BSSR. Red. sel'khoz. lit ry, 1960. 321 p.

(MIRA 14:9)

(White Russia—Fruit—Varieties)

VOLUZNEVA, T.A.

Viability of pollen and pistils in beans, Sbor. trud. asp. i mol.  
nauch. sotr. VIR no. 5:13-17 '64. (MIRA 18:3)

VOL'V, M.Sh.

Experience in treatment of early manifestations of involutional  
melancholia by andaxin. Trudy Gos.nauch.-issl.inst.psikh. 95:  
266-274 '62. (MIRA 16:2)

1. Moskovskaya klinicheskaya psikhoneurologicheskaya bol'nitsa  
No.4 imeni Gannushkina (glavnnyy vrach - V.N. Rybalka), Psikho-  
nevrologicheskiy dispanser No.12 (glavnnyy vrach - V.I. Finkel'-  
shteyn) i otdeleniye vrachebno-trudovoy ekspertizy (zav. otde-  
leniyem - doktor med.nauk D.Ye. Melekhov) Gosudarstvennogo nauchno-  
issledovatel'skogo instituta psikiatrii.  
(MEPROBAMATE) (MELANCHOLIA)

1. VOL'VACH, A. I.
2. UCSR (600)
4. Tree Planting
7. Winter planting of trees with a frozen ball of earth. Les i step', 5, No. 1, 1953.

9. Monthly List of Russian Accessions, Library of Congress, May 1953. Unclassified.

NIKITIN, D.G., inzh.; LYUBAVSKIY, K.V., doktor tekhn.nauk, prof.;  
Prinimali uchastie: DOLYA, N.A.; VOL'VACH, Ya.I.

Effect of the composition and the continuity of a joint metal  
on the quality of an enamel coating. Svar. proizv. no.3:4-8  
(MIRA 16:3)  
Mr '63.

1. Ukrainskiy nauchno-issledovatel'skiy institut khimicheskogo  
mashinostroyeniya (for Nikitin). 2. TSentral'nyy nauchno-  
issledovatel'skiy institut tekhnologii i mashinostroyeniya (for  
Lyubavskiy).  
(Welding—Testing) (Enamel and enameling)

ANDREYEV, L.L.; VAKHMAN, V.I.; CEPURIN, P.I.; MIROSHNICHENKO, V.F.;  
BOGACHEV, A.S.; VOL'VACH, Ye.Ye., agronom-entomolog; CHEBOTAREV,  
M.Ya., agronom-entomolog (Georgiyevskiy rayon); ZGADOV, G.K.,  
agronom po zashchite rasteniy

Killing shield bugs in combines. Zashch.rast.ot verd. i bol.  
7 no.6:30-31 Je '62.

(MIRI 15:12)

1. Zaveduyushchiy Severo-Kavkazskim opornym punktom Vsesoyuznogo instituta zashchity rasteniy (for Andreyev).
2. Zamestitel' direktora, glavnnyy agronom sovkhoza "Kurskoy" (for Vakhman).
3. Zamestitel' direktora, glavnnyy agronom oporno-pokazatel'nogo sovkhoza "Obil'-nenskiy" (for Chepurin).
4. Glavnnyy inzh. sovkhoza "Kurskiy" (for Bogachev).
6. Severo-Kavkazskiy opornyj punkt Vsesoyuznogo institute zashchity rasteniy (for Vol'vach).
7. Sovkhoz "Starodubskiy" (for Zgadov).

(Stavropol Territory--Wheat--Diseases and pests)  
(Stavropol Territory--Eurygasters)

VOL'VACHEV, R.T.

Sylow p-subgroups of a complete linear group. Izv. AN SSSR.  
Ser. mat. 27 no.5:1031-1054 S-0 '63. (MIRA 16:11)

"APPROVED FOR RELEASE: 08/09/2001

CIA-RDP86-00513R001860720020-5

VOL'VACHEV, R.T.

Order of an element of a matrix group. Vestsi AN ESSR.  
Ser.fiz.-mat.nav. no.2:11-16 '65. (MIRA 19:1)

APPROVED FOR RELEASE: 08/09/2001

CIA-RDP86-00513R001860720020-5"

VOL'VACHEV, R.T.

Locally nilpotent subgroups of classical groups. Sib. mat.  
zhur. 2 no.6:822-829 N-D '61. (MIRA 15:7)  
(Groups, Theory of)

VOL'VACHEV, R.T.

Sixth All-Union Colloquium on General Algebra. Usp. mat. nauk 19  
no. 5:205-214 S-0 '64. (MIRA 17:11)

VOL'VAK, N.

Using polyethylene for electric insulation of rods of trolley  
bus current collectors. Zhil.-kom.khoz. 12 no.11:21-22 N '62.  
(MIRA 15:11)

1. Zamestitel' glavnogo inzhenera Moskovskogo trolleybusno-  
remontnogo zavoda.  
(Polyethylene) (Electric current collectors)  
(Trolley buses---Equipment and supplies)

VOL'VAK, N.

Modernized trolley steering wheel. Zhil.-kom.khoz. 6 no.8;  
22-23 '56. (MLRA 10:2)

1. Nachal'nik otdela tekhnicheskogo kontrolya Moskovskogo  
trolleybusnogo remontnogo zavoda.  
(Trolley busses--Steering gear)

VOL'VAK, N.

Stengthening trolley bus semi-axles by means of shot peening.  
Zhil.-kom.khos. 5 no.7:15-18 '55. (MIRA 9:1)

1. Nachal'nik otdela tekhnicheskogo kontrolya Moskovskogo  
trolleybusnogo remontnogo zavoda.  
(Axles) (Shot peening)

Vol'vak N. Ya.

137-58-1-1770

Translation from: Referativnyy zhurnal, Metallurgiya, 1958, Nr 1, p 241 (USSR)

AUTHORS: Teplov, F.S. Vol'vak, N.Ya.

TITLE: Experiences in the Employment of Trolley Bus Rear-axle Shafts  
Strengthened by Shot Peening (Opyt ekspluatatsii poluosey  
trolleybusa, uprochnennykh drobestruinym naklepom)

PERIODICAL: V sb.: Vopr. konstrukts. prochnosti stali. Moscow, Mashgiz,  
1957, pp 100-103

ABSTRACT: A communication to the effect that shot peening of trolley bus  
rear-axle shafts made of 37KhNZA steel and heat treated for  
 $R_C$  44-46 increases the service life almost threefold. The econo-  
mies due to the introduction of axle shafts strengthened by shot  
peening at the Moscow Trolley Bus Depots is about 400-500,000  
rubles per year. It is recommended that auto and tractor plants  
transfer to the strengthening of axle shafts and other parts by  
shot peening.

A. B.

1. Machine parts--Peening    2. Steel--Heat treating

Card 1/1

TAIROV, Vladimir Dmitriyevich; VOL'VICH, Nikolay Iosifovich; MEDVEDEV,  
Mikhail Ivanovich. Prinimali uchastiye: BOCHKOVSKAYA, N.L.,  
starshiy inzh.; YEZHEL', F.A., glav. arkhitector; ALEKSANDROVSKIY, A.,  
red.; ZELENKOVA, Ye., tekhn. red.

[Built-up roofs] Sovmestchennye pokrytiia. Kiev, Gos. izd-vo lit-  
ry po stroit. i arkhit. USSR, 1961. 74 p. (MIRA 14:9)

1. Rabotniki Nauchno-issledovatel'skogo instituta stroitel'nykh  
konstruktsiy i Nauchno-issledovatel'skiy institut eksperimental'-  
nogo proyektirovaniya Akademii stroitel'stva i arkitektury  
USSR (for Tairov, Vol'vich, Medvedev).  
(Roofs)

VOL'VAK, N.Ya.

TEPLOV, F.S.; VOL'VAK, N.Ya.

Experimental use in operation of trolley bus axle shafts strengthened by shot peening. [Trudy] TSNIITMASH no.85:100-103 '57.(MZhA 10:9)

1. Direktor Moskovskogo trolleybusnogo remontnogo zavoda (for Teplov).
2. Nachal'nik otdela tekhnicheskogo kontrolya Moskovskogo trolleybusnogo remontnogo zavoda (for Vol'vak).  
(Axles) (Shot peening)

EIGELES, M.A.; VOLOVA, M.L.; VOLVENKOVA, V.S.; UMINOVA, Ye.G.

Radiometric investigation of the formation of calcium compound films at the solution-air interface and their effect on adhesion in flotation. Dokl. AN SSSR 147 no.1:166-169 N '62. (MIRA 15:11)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut mineral'nogo sýr'ya. Predstavлено академиком P.A. Rebinderom.  
(Calcium compounds)  
(Flotation)

EYGELES, M. S.; VOLVENKOVA, V. S. (B.Sc. Tech.)

"Non-organic electrolytes and colloids in the elementary flotation step."

Min of Geology & Protection of Mineral Resources, Moscow.

report submitted for 6th Intl Mineral Processing Cong, Cannes, 26 May-2 Jun 63.

EYGELES, M.A.; VOLOVA, M.L.; VOLVENKOVA, V.S.; UMMNOVA, Ye.G.

Role of colloids in the flotation process. TSvet. met. 36  
no.6:3-10 Je '63. (MIRA 16:7)

(Colloids) (Flotation)

MITKALINNYY, V.I., kand.tekhn.nauk; MOLCHANOV, N.G., kand.tekhn.nauk;  
Prinimali uchastiye: NEVEDOMSKAYA, I.N.; SHKOL'NIKOV, Yu.M.;  
VOLVENKIN, V.K.; RAYSKIY, R.N.; BELEN'KIY, A.M.; SKOBEL'TSIN,  
S.S.; FEY CZHU-MIN; CHAHAO TIN'-YUAN'

Improvement of bell-type furnaces for bright annealing. Stal'  
22 no.4:365-367 Ap '62. (MIRA 15:5)

1. Moskovskiy institut stali.  
(Furnaces, Heat-treating) (Annealing of metals)

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VOL'VICH, A., inzh. (Novocherkassk)

Sweep generator. Radio no.11:56,59 N '65.

(MIRA 18:12)

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CIA-RDP86-00513R001860720020-5"

MOSYAGINA, Yelena Nikiforovna, kand.med.nauk, starshiy nauchnyy sotrudnik; KLEYMENOV, Vladimir Vasil'evich; VOL'VICH, Anatoliy Grigor'yevich, mladsh'y nauchnyy sotrudnik; LITVINGOV, Boris Nikolayevich, tekhnik

Use of electronic analog computers for studying the dynamics of the changes of the level of erythrocytes in a body.  
Izv. vys. ucheb. zav.; elektromekh. 4 no.4:62-70 '61.

(MIRA 14:7)

1. Institut pediatrii AMN SSSR (for Mosyagina).
2. Nachal'nik laboratorii vychislitel'nykh mashin Novocherkasskogo nauchno-issledovatel'skogo instituta elektrovozostroyeniya (for Kleymenov).
3. Novocherkasskiy nauchno-issledovatel'skiy institut elektrovozostroyeniya (for Vol'vich).
4. Laboratoriya schetnykh mashin Novocherkasskogo politekhnicheskog instituta (for Litvinov).

(MEDICAL ELECTRONICS)  
(ELECTRONIC ANALOG COMPUTERS)  
(ERYTHROCYTES)

SEMAK, D., inzh.; VOL'VICH, N., inzh.

Multistory airtight building with stories for the building's equipment. Prom.stroi.i inzh.soor. 4 no.1:15-17 Ja-F '62.

(MIRA 15:8)

(Industrial buildings) (Precast concrete construction)

VOLVICH, N. I.; BULAYA, O. S.; ZLATOPOL'SKAYA, R. D.; ISHCHENKO-LAVNIK, K. N.  
KHOTIMSKAYA, B. Z.; DERKACH, V. S.

"Combined treatment of children suffering from chronic dysentery."

Report submitted at the 13th All-Union Congress of Hygienists,  
Epidemiologists and Infectionists. 1959

VOL'VICH, R. M.

ISPIRYAM, G.P., kand. tekhn.nauk; VOL'VICH, R.M., inzh.

Efficient pattern layout in cutting fabrics of "nonoptimal" width.  
(MIREA 11:2)  
Ing. prom. 18 no.1:6-10 Ja '58.  
(Shoe industry)

YELEN, B.L. [Eelen, B.L.], inzh.; MERZON, A.G. [Merzon, A.H.], inzh.;  
ZHURAVITSKAYA, Sh.M. [Zhuravyts'ka, Sh.M.], inzh.; VOL'VICH,  
R.M., inzh.; RYBAL'CHENKO, L.K.

Potentialities for improving the economy characteristics of  
shoe upper styles by designing matching pattern contours.  
Leh.prom. no.1:73-75 Ja-Mr '62. (MIRA 15:9)

1. Ukrainskiy nauchno-issledovatel'skiy institut kozhevennoy  
promyshlennosti.  
(Ukraine—Shoe manufacture).

YELEN, B.L. [Elen, B.L.]; VOL'VICH, R.M. [Vol'vich, R.M.]

Formation of selvage wastes in the cutting of layered footwear  
fabrics. Leh. prom. no.3:70-71 Jl-S '64. (MIRA 17:10)

YELEN, B.L. [IELEN, B.L.]; ZHURAVITSKAYA, Sh.M. [Zhuravyts'ka, Sh.M.];  
VOL'VICH, R.M. [Vol'vych, R.M.]

Efficiency of centralizing the cutting of Russian leather in the  
factories of the Kiev Economic Region. Leh.prom. no.4:73-77 O-D  
'62. (MIR 16:5)

1. Ukrainskiy nauchno-issledovatel'skiy institut kozhevenno-obuvnoy  
promyshlennosti.  
(Kiev Province—Shoe manufacture)

YELEN, Basya Lazarevna; VOL'VICH, Rozaliya Mikhaylovna;  
PRITALYUK, Fedor Vladimirovich; MOREKHODOV, G.A., kand.  
tekhn. nauk, retsenzent; KNAKHOVSKAYA, L.M., red.

[Efficient utilization of shoe fabrics] Ratsional'noe  
ispol'zovanie obuvnykh tkanei. Moskva, Legkaia industriia,  
1965. 88 p. (MIRA 18:3)

Translation from: Referativnyy zhurnal. Mekhanika, 1957, Nr 5, p 146 (USSR) SOV/124-57-5-6040

AUTHOR: Vol'vich, S. I.

TITLE: Calculation of a Continuous Beam in Statically Determinate Conditions  
(Raschet nerazreznay balki po staticheski opredelimoy skhemе)

PERIODICAL: Sb. nauch. soobshch. Saratovsk. avtomob.-dor. in-t, 1956, Nr 3,  
pp 13-15

ABSTRACT: Bibliographic entry

Card 1/1

VOL'VICH, S. I.

124-11-13332

Translation from: Referativnyy Zhurnal, Mekhanika, 1957, Nr 11, p 147 (USSR)

AUTHOR: Vol'vich, S. I.

TITLE: To the Question of the Stability of a Frame Structure with Triangular Trusses.  
(K voprosu ustoychivosti fermy s treugol'noy reshetkoy.)

PERIODICAL: Tr. Saratovsk. avtomob.-dor. in-ta, 1956, sb. 14, pp 140-147.

ABSTRACT: The paper presents a solution to the problem of the stability of framework girders (with parallel longerons and triangular trusses) in the elastic and elastic-plastic range under the action of longitudinally compressive, external forces. The Author offers the derivation of finite-difference equations for the longitudinal deflection of the frame structure and determines the critical values of the external forces.

V. V. Novitskiy

Card 1/1

VOL'VICH, S. I.

124-11-13333

Translation from: Referativnyy Zhurnal, Mekhanika, 1957, Nr. 11, p. 147 (USSR)

AUTHOR: Vol'vich, S. I.

TITLE: The Stability of a Frame Structure with Doubly Skewed Trusses.  
(Ustoychivost' fermy s dvukhraskosnoy reshetkoy.)

PERIODICAL: Tr. Saratovsk. avtomob.-dor. in-ta, 1956, sb. 14, 148-151.

ABSTRACT: The paper analyzes the stability of doubly skewed girder-type trusses in elastic and elastic-plastic conditions under the action of longitudinally compressive external forces. The Author derives the finite-difference equations of the longitudinal deflection of the truss on the basis of the assumption that truss bars having a common slant will remain parallel. It is shown that this presupposition appears exact for elastic deformations and approximate for plastic deformations.

V. V. Novitskiy

Card 1/1

124-58-9-10362

Translation from: Referativnyy zhurnal, Mekhanika, 1958, Nr 9, p 137 (USSR)

AUTHOR: Vol'vich, S. I.

TITLE: To the Theory of the Stability of Girders in the Nonelastic Range  
(K teorii ustoychivosti ferm v neuprugoy oblasti)

PERIODICAL: Sb. nauchn. soobshch. Saratovsk. avtomob.-dor. in-t, 1957,  
Nr 7, pp 3-13

ABSTRACT: The variational equations of the stability of girders, proposed earlier by the author, are generalized. The variations in the stresses in the bars and the angular deformations are expressed by means of a linear function  $n$  of the independent virtual stress distributions in the system evoked by the action of single or collective reactions. Utilizing the variational criteria of stability and the condition of a minimal critical loading, the author obtains a system of homogeneous equations, the principal determinant of which defines the stability equation. Also taken into account is the possible elastic-plastic working of the girder at the moment of its collapse. The exact methods of the calculation of the general stability of girders are illustrated by a calculation example of the simplest type of "von Mises girder". V. K. Yegupov

Card 1/1

Translation from: Referativnyy zhurnal, Mekhanika, 1958, Nr 10, p 117 (USSR) SOV/124-58-10-11524

AUTHOR: Volkovich, S. I.

TITLE: Stability of a Compressed Girder With a Semi-lattice Truss  
(Ustoychivost' szhatoy fermy s poluraskosnoy reshetkoy)

PERIODICAL: Sb. nauchn. soobshch. Saratovsk. avtomob. -dor. in-t. 1957,  
Nr 7, pp 14-21

ABSTRACT: The critical loading is determined by means of variational equations. Because of the uniform and localized nature of the auxiliary states, the system of variational equations is written in the form of two independent systems of equations. The solution is sought with the assistance of the theory of finite-difference equations. The investigation is conducted in the elastic-plastic domain.

V. K. Yegupov

Card 1/1

SOV/124-58-5-5900

Translation from: Referativnyy zhurnal, Mekhanika, 1958, Nr 5, p 137 (USSR)

AUTHORS: Vol'vich, S.I., Zotov, B.Ye.

TITLE: On a New Method for the Calculation of Continuous Beams (K  
raschetu nerazreznykh balok po novomu metodu)

PERIODICAL: Sb. nauchn. soobshch. Saratovsk. avtomob.-dor. in-ta,  
1957, Nr 7, pp 53-56

ABSTRACT: By using the known formulas the values of the load terms  
and the abscissae of the center of gravity of the load curve nec-  
essary for the design calculation of continuous girders are  
worked out for particular cases of moment-of-inertia variation  
and for the simplest cases of beam loading.

N.K. Snitko

1. Beams--Mathematical analysis
2. Girders--Mathematical analysis

Card 1/1

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VOLVINA, N. V.

"Reduction of Polynomials in Irrational Fields," Dok. AN, 58, No. 9, 1947

APPROVED FOR RELEASE: 08/09/2001

CIA-RDP86-00513R001860720020-5"

VOL'VINZON, Ya.G.

Adaptation of the body to oxygen deficiency caused by poisons with  
various mechanisms of hypoxic action. Farm. i toks. 24 no.5:610-  
613 S-0 '61. (MIRA 14:10)

1. Leningradskiy gosudarstvennyy ordena Lenina institut usovershen-  
stvovaniya vrachey imeni S.M.Kirova.  
(ANOXEMIA) (HYDROCYANIC ACID—TOXICOLOGY)  
(ADAPTATION (BIOLOGY))

Vol'kovich, S.I.

VOL'KOVICH, S.I.

Research in the field of chemistry and technology of fertilizers  
and salts. Report No.2: Izv.AN SSSR.Otd.khim.nauk. no.7:767-775  
Jl '57. (MIRA 10:10)

(Fertilizers and manures) (Salts)

VASIL'YEV, A.V., kand.tekhn.nauk, VOLVOK, S.P., DOKUCHAYEVA, Ye.N.,  
kand.tekhn.nauk

Measurement techniques in using strain-measuring points of tractors.  
Trudy NATI no.20:52-71 '60. (MIRA 13:7)

(Strain gauges)  
(Crawler tractors—Dynamics—Measurement)

VOLVOV, A.T.

Detonation of borehole charges with air spaces in granite  
quarries. Vzryv. delo no.51/8:186-192 '63.  
(MIRA 16:6)

1. Upravleniye Zaporozhsvyvprona.  
(Zaporozh'ye region—Granite industry)  
(Blasting)

Vol'VOVSKAYA, YE A.

LEVIT, M.S., kand. tekhn. nauk; KIRGETOVA, V.I., inzh.; VOL'VOVSKAYA, Ye.A.,  
inzh.

Continuous refining of fats with soda ash. Mal.-zhir. prom. 2<sup>4</sup>  
(MIRA 11:3)  
no. 2:32-34 '58.

1. Vsesoyuznyy nauchno-issledovatel'skiy institut zhivot (for  
Levit, Kirgetova). 2. Mosgiprozavod (for Vol'vovskaya).  
(Oils and fats) (Calcium carbonate)

1. LYUBCHANSKAYA, Z. I.; VOL'VOVSKAYA, Ye. A.; Engs.
2. USSR (600)
4. Phosphatides
7. Incorporation of soybean phosphatides into margarine. Masl.-zhir.prom. 18, No. 4, 1953.

9. Monthly List of Russian Accessions, Library of Congress, April 1953, Uncl.

LYUBCHANSKAYA, Z.I.; VOL'VOVSKAYA, Ye.A.

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KHOMUTOV, B.I., kand.tekhn.na dr; ZOLOTAREVA, P.K.; GENING, L.N., inzh.;  
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Unsaturated fatty acids content of margarine. Masl.-shir.prom.  
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1. Laboratoriya Ministerstva zdravookhraneniya SSSR (for  
Khomutov, Zolotareva). 2. Moskovskiy margarinovyy zavod (for  
Gening, Balashova, Vol'vovskaya).  
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LOBANOV, D.I., doktor tekhn. nauk; BRENTS, M.Ya.; ZOLOTOVA, A.I.;  
BALASHOVA, V.K., inzh.; VOL'VOVSKAYA, Ye.A., inzh.; GENING, L.N.,  
inzh.; POLYAKOVA, L.I., inzh.

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Masl.-zhir. prom. 29 no.5:40-41 My '63. (MIRA 16:7)

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Gening, Polyakova).  
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